

**Commonwealth of Kentucky  
Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Elahe Houshmand

GENERAL INFORMATION:

Name:	Alcan Packaging
Address:	6700 Midland Industrial Drive, Shelbyville, KY 40065
Date application received:	February 5, 2008
SIC/Source description:	2671/Paper Coated and Laminated Packaging
Source ID:	21-211-00031
Agency Interest:	3950
Activity:	APE20080001
Permit number:	V-05-035 (Revision 1)

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input checked="" type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
___ Administrative	<input checked="" type="checkbox"/> Title V
___ Minor	<input checked="" type="checkbox"/> Synthetic minor
___ Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input checked="" type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052, 1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☒ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

**RESULTING REVISION 1 EMISSIONS SUMMARY:**

Pollutant	Allowable (TPY)	Actual From TEMPO (TPY)	Potential From TEMPO (TPY)
PM/PM10	5.40	1.10	5.40
SO <sub>2</sub>	0.410	0.085	0.410
NO <sub>x</sub>	68.3	14.1	68.3
CO	57.3	11.8	57.3
Source-wide VOC (including mixing, storage, and clean-up activities):		72.8	22446
EP01, P1, P3, P4, P5, L1, L3, and L4	230		
EP05, EP23, P7, P9, P10, L5, L6, L7, L8, L9, and L10	230		
Single HAP-Dibutyl Phthalate	<9.0	0.0005	332
Single HAP-Ethyl Benzene	<9.0	0.011	997
Single HAP- Formaldehyde	<9.0	0.001	51.7
Single HAP-Toluene	<9.0	0.00	1784
Single HAP- Xylene	<9.0	0.064	4151
Total HAPS	<22.5		

**SOURCE PROCESS DESCRIPTION:**

See Statement of Basis of permit V-05-035 (Revision1).

**EMISSION AND OPERATING CAPS DESCRIPTION:**

See Statement of Basis permit V-05-035 (Revision1).

**INITIAL PERMIT EMISSIONS SUMMARY:**

Pollutant	Allowable (TPY)	Actual From TEMPO (TPY)	Potential From TEMPO (TPY)
PM	5.08	0.905	5.08
SO <sub>2</sub>	0.384	0.069	0.384
NO <sub>x</sub>	64.0	11.5	64.0
CO	53.8	9.63	53.8
VOC Source-wide (including mixing, storage, and clean-up activities)	460 & *35% (or 40% for P4) of VOC input into an affected facility over each 30-day period	49.5	20056
VOC (including mixing, storage, and clean-up activities):			
P1, P3, P4, P5, L1-L4	230		
P7, P9, P10, L5-L10	230		
Total HAPS	**5% of HAP applied for the month	6.69	1178

\*Total VOCs input into each affected facility over each 30-day average period shall be controlled so that no more than 35% (or 40% for P4) by weight is emitted into the atmosphere (401 KAR 59:212). SIP revision allowed the facility to show compliance with 401 KAR 59:212 regulation based on 30-day average. See the July 10, 2003 Federal Register for details.

\*\*HAP emissions allowable must meet the following:

1. Total HAP emissions each month from the presses, coaters, and laminators shall be limited to a maximum of 5% of the total HAP applied (40 CFR 63 Subpart KK).
2. VOC allowable (401 KAR 51:017) will limit actual emissions of HAPS.

**SOURCE PROCESS DESCRIPTION:**

See Statement of Basis.

**EMISSION AND OPERATING CAPS DESCRIPTION:**

See Statement of Basis.